

NetApp® System Manager 1.0

Release Notes

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Release Notes

Topics covered

All of the information in this document applies to NetApp System Manager 1.0.

The following topics are covered in these release notes:

- ◆ [“Features of this release”](#) on page 2
- ◆ [“Known issues”](#) on page 4
- ◆ [“Documentation corrections”](#) on page 6

Features of this release

NetApp System Manager overview

NetApp System Manager 1.0 enables you to set up and manage storage elements such as disks, volumes, and aggregates in a Microsoft Windows® environment. You can use System Manager to quickly and efficiently set up NetApp storage systems. You can also use this tool to configure protocols such as CIFS and iSCSI, provision file sharing and applications, and monitor and manage your storage systems.

About this release

The System Manager software includes the following features:

- ◆ **Seamless Windows integration**
System Manager integrates seamlessly into your management environment by using the Microsoft Management Console (MMC).
- ◆ **Discovery and setup of storage systems**
System Manager enables you to quickly discover a storage system or an active/active pair on a network subnet. You can easily set up a new system and configure it for storage.
- ◆ **SAN provisioning**
System Manager provides a workflow for LUN provisioning, as well as simple aggregate and FlexVol® creation.
- ◆ **Network-attached storage (NAS) provisioning**
System Manager provides a unified workflow for CIFS and NFS provisioning, as well as management of shares and exports.
- ◆ **Management of storage systems**
System Manager provides ongoing management of your storage system or active/active configuration.
- ◆ **Streamlined active/active pair management**
System Manager provides combined setup for active/active configuration of NetApp systems, logical grouping and management of such a configuration in the console or navigation tree, and common configuration changes for both systems in an active/active configuration.
- ◆ **Systray (Windows notification area)**
System Manager provides real-time monitoring and notification of key health-related events for a NetApp system.

◆ **iSCSI and FC**

System Manager manages iSCSI and Fibre Channel protocol (FC) protocol services for exporting data to host systems.

Supported software and hardware platforms

For the latest information on which software and hardware platforms System Manager 1.0 supports, see <http://now.netapp.com/NOW/products/interoperability/>.

System requirements

Check the NetApp® Interoperability page <http://now.netapp.com/NOW/products/interoperability/> for the most up-to-date system requirements or recent qualifications.

- ◆ Windows XP Pro SP2 and later
- ◆ Windows Vista Enterprise SP1
- ◆ Windows Server 2003 SP2
- ◆ Windows Server 2008
- ◆ Microsoft Management Console (MMC) 3.0
- ◆ Microsoft .Net 2.0@

NetApp FAS20XX, FAS30XX, and FAS31XX storage systems running Data ONTAP 7.2.3 or later.

License requirements

System Manager is an unlicensed application and is free to download, install, and use. However, you will need storage system software licenses to enable certain services and features on your storage system, such as Cluster and NFS.

Many of the software licenses that are needed for your storage system services and features are installed on the storage system at the factory. So you should not need to enter the license code during initial setup of the storage system except for special circumstances.

Note

For active/active configurations, you must install licenses on both systems.

Known issues

Scope of this section

This section describes issues known to exist in System Manager 1.0. For the latest information about workarounds, see the Bugs Online & Release Tools page on the NOW site.

To access this page, follow these steps:

1. From a Web browser, go to the NOW site at <http://now.netapp.com>.
2. In the Technical Assistance & Documentation section, click Bugs Online & Release Tools.

MMC snap-in issues on system using Windows 2008 and Windows Vista

To be able to add the System Manager snap-in to an MMC console, MMC must be launched with the /32 command line switch. SnapDrive® only installs the 64-bit version of the application on 64-bit systems. As a result, SnapDrive and System Manager cannot coexist in the same MMC console. This only applies to MMC running on Windows 2008 and Windows Vista.

Workaround: Use another MMC console to host System Manager.

NetApp System Manager 1.0 does not support UNIX permission values for CIFS shares

NetApp System Manager 1.0 does not support UNIX permission values for CIFS shares. If you modify shares with UNIX permissions, those permissions will be unset on commit.

NetApp System Manager 1.0 supports only "Read", "Write", "Full Control" and "No Access" windows supported permissions for CIFS shares.

Workaround: UNIX permission can be restored using FilerView or the CLI.

NAS wizard summary page shows denied permission as allowed

The Create Share and Export wizard does not display the correct permissions for a new export if permissions are set to deny a specific access.

Workaround: None needed. The permissions are set correctly by the wizard. They just do not display correctly in the results page of the wizard.

Create Share and Export wizard does not support NFS read-write permissions for all systems and denying NFS read-write permission for a single host

When you create an NFS export using the Create Share and Export wizard, you cannot allow read-write permission for all systems and then deny read-write permission for a single host. If you do this, the system will display the error "Invalid argument".

Workaround: Remove the entry allowing read-write access for all systems, and add the permissions for each host individually as needed.

Documentation corrections

This section contains information that will be added to the System Manager online Help for the next release.

Help topic incorrect for ability to toggle between autogrow and autodelete for flexible volumes

The System Manager Help does not document the ability to toggle between Autogrow and Autodelete for flexible volumes after they have been created. This feature is available on the Auto Size tab in the Edit Volume dialog box. You can select and unselect the ability to allow a volume to grow automatically within an aggregate. If this feature is selected, the volume can grow as needed, if its parent aggregate has enough room.

Help topic incorrect for FCP window Service tab

The FCP window Service tab Help topic includes an FCP configuration heading. This heading is no longer included in the application window.

Help topic incorrect for iSCSI window Service tab

The iSCSI window Service tab Help topic includes an iSCSI Configuration heading. This heading is no longer included in the application window.

Help topic is incorrect for Edit Settings dialog box Share options tab

The Edit Settings dialog box Share options tab Help topic does not match the application window. The Help topic should include the following information:

Options

When following symbolic links, allow destinations:

- ◆ Within this share
- ◆ Outside this share

Enable virus scanning:

- ◆ For all file accesses
- ◆ When files are opened for reading

Confirmation step incorrect in some procedures

The confirmation step should indicate that you should click Delete instead of Yes for the following procedures:

- ◆ Deleting an initiator group
- ◆ Deleting an initiator
- ◆ Taking an FCP adapter offline
- ◆ Restoring a Snapshot copy
- ◆ Starting and stopping an FCP service
- ◆ Starting and stopping the iSCSI service
- ◆ Deleting a storage system

NetApp System Manager 1.0 Quick Start Guide system requirements are incorrect

The system requirements for Windows XP Pro SP are incorrect in the NetApp Manager 1.0 Quick Start Guide. NetApp System Manager 1.0 supports Windows XP Pro SP2 and later.

List of supported Data ONTAP LUN types is incorrect in Help

System Manager supports the following Data ONTAP LUN types:

Data ONTAP version	Supported LUN types
7.2.3	Solaris® Windows HPUX AIX® Linux® Netware VMware® Windows GPT
7.2.4	Solaris windows HPUX AIX Linux Netware VMware Windows GPT

Data ONTAP version	Supported LUN types
7.2.5	Solaris windows HPUX AIX Linux Netware VMware Windows GPT Windows 2008
7.2.6	Solaris windows HPUX AIX Linux Netware VMware Windows GPT Windows 2008 Solaris EFI
7.3	Solaris windows HPUX AIX Linux Netware VMware Windows GPT Windows 2008 Open VMS

Data ONTAP version	Supported LUN types
7.3.1	Solaris windows HPUX AIX Linux Netware VMware Windows GPT Windows 2008 Xen Hyper-V Open VMS

